



Environmenal Health Breakout

Baltimore July 9, 2008

- Agency Environmental Health Update – Guy Camomilli
- Buy Quiet/Quiet By Design Update – Beth Cooper
- CHPPM Experiences with DOEHRS-IH – Kevin Wisniewski
- Medgate IH Data Management Software Module – Keyton Guthery
- Center Presentations on the Procurement of Hazardous Materials:

Guy Camomilli, MPH, CSP, CHMM
Bart Geyer, CIH, CSP
Office of the Chief Health and
Medical Officer



Agency Update

Baltimore July 9, 2008

Guy Camomilli, MPH, CSP, CHMM

Office of the Chief Health and
Medical Officer



Overview

- Triennial HP Conference
- AIHCE NASA IH Breakout
- Agency OH Review Schedule
- Current Issues
- Policy Update
- Support/Advocating/Initiatives
- Training
- Going Forward



Triennial Health Physics Conference



- Outstanding CHP Prep Class
- Medical X-Ray Compliance
- Excellent Center Presentations
- Technical Tour of KSC
- Incredible Networking Opportunities
- CHP, CIH, and CSP
(24 CEU Hours)





Triennial Health Physics Conference



- <http://ohp.nasa.gov/HP08>
- Special Thanks to the Presenters:
 - Randy Scott, Rod Nickell, and Ed Provost – KSC
 - Eric Packard – ARC
 - Phil Brown – MSFC
 - Alan Rovira – MAF
 - Chris Blasio and Rod Case – GRC
 - Kim Merritt – LaRC
 - Ted Simmons and Dan Simpson – GSFC
 - Marv Bunting – WFF



AIHCE NASA Breakout Meeting

- Agency Update
- DOE – 10 CFR 851





The Dreaded OCHMO Reviews

- 2008 Schedule

- ☒ KSC January
- ☒ SSC March
- ☒ MAF April
- ☒ GRC June
- ☐ DFRC August
- ☐ ARC August
- ☐ LaRC September
- ☐ WSTF October



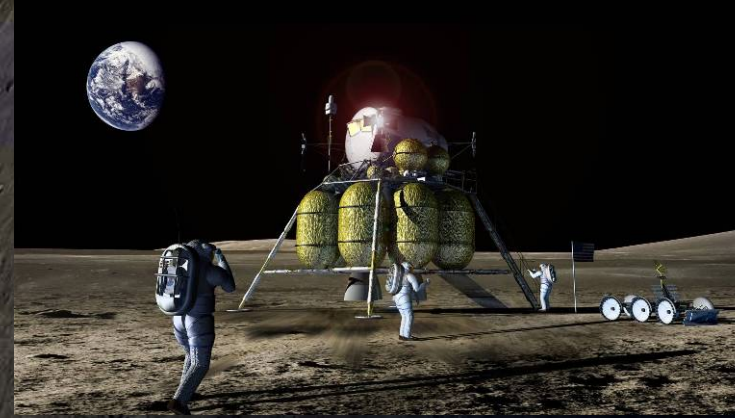
- 2009 Schedule

- ☐ JPL January
- ☐ JSC February
- ☐ GSFC April
- ☐ WFF April
- ☐ MSFC August
- ☐ HQ October



Current EH Issues and Initiatives

- Annual OSHA Report – NSC
- FDA Standardization for Inspectors
- Annual Self Reviews
- NPR 1800.1 Revisions
- EHRS IH Module on the Horizon
- Buy Quiet/Quiet by Design





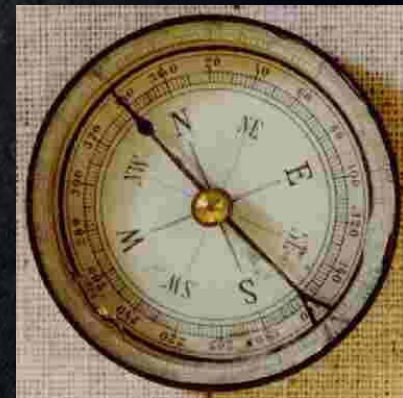
EH Policy ~ NPR 1800.1 Chapter 4

- EH Sections Being Revised – NPR 1800 Chapter 4
 - Regulatory Compliance (4.1 – rolled into an EH General section)
 - Occupational Exposure Assessment and Management (4.2)
 - Occupational Exposure Limits (4.3)
 - Sampling, Analytical methods, and Equipment Calibration (4.4)
 - Ergonomics (4.5)
 - Radiological Health (4.6~ now more detail split into 5 sections)
 - Environmental Sanitation (4.7 – will be combined with Food Sanitation 4.10)
 - Balancing Work/Rest Cycles (4.8 – may go to Medical)
 - Hearing Conservation (4.9/2006; was stand alone. BQ/QBD)
 - Food Safety (4.10/2007)



EH Policy ~ NPR 1800.1 Chapter 4

- New EH Chapters Being Added – Chapter 4
 - Radiation ~ General
 - Radioactive Materials
 - Radiation Generating Equipment (Ionizing)
 - Laser and Non Laser Optical Radiation
 - Radiofrequency Electromagnetic Radiation
 - Developmental and Reproductive Health
 - Nanotoxicology
 - Acquisition Control of Hazardous Materials and Articles
 - Indoor Air Quality
 - Biosafety





IH and HP ViTS

Routine Communication Tools for Agency EH Initiatives

- Monthly EH ViTS – recent topics
 - June ~ FDA Voluntary Standards
 - May ~ Mold Management at the NSA
 - Apr ~ DOE Beryllium Update
 - Mar ~ AIHA/ANSI Z9 Ventilation Standards Update
 - Feb ~ IH Data Management
 - Jan ~ Project Constellation and EH Impact at NASA Centers
 - Dec ~ Current IH Management Issues and Trends
 - Nov ~ IH Involvement with Construction and Service Contracts





NASA Occupational Health Website EH Page;

Program Contacts, Center Resources, ViTS Archive, EH links, etc.

**NASA Occupational Health**
A Healthier NASA

[+ Archive](#)
[+ Awards](#)
[+ Contact OH](#)
[+ Text Only Page](#)

+ Feb 2008						
S	M	T	W	T	F	S
	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29

[+ OCHMO](#) [+ CONFERENCES](#) [+ NEWSLETTER](#) [+ DIRECTORY](#) [+ HEALTHIERYOU](#)

[+ OH Home](#)
[+ Environmental Health](#)



Environmental Health

EH Home

- OH Disciplines
- + Employee Assistance
- Environmental Health
- + Occupational Medicine
- + Physical Fitness
- + Workers' Comp.
- Professional Resources
- + Center Resources
- + EHRS
- + Health Promotion
- + Policies
- + References
- + Topics
- + Training
- NASA Employees
- + Health Resources
- + Traveler's Health

UPCOMING EVENTS

Environmental Health ViTS

Wednesday March 12, 2008 at 11:00am ET.

Health Physics ViTS

Wednesday May 07, 2008 at 11:00am ET.

CURRENT NEWS

Real-Time Space Radiation Forecasting

 A new method for predicting the approach and intensity of hazardous particles from extreme solar events that would threaten astronauts and technology in space is now in place. Researchers are using this initial forecasting phase to qualify the method for operational use in space exploration activities.
[+ Read more](#)

Radio Frequency Safety Course Being Offered at Marshall

 Agency-sponsored Radio Frequency Safety training offered April 14-15, 2008 at Marshall Space Flight Center. No cost, but seating is limited.
[+ Read more and register](#)

January EH ViTS Focuses on Project Constellation Impact

 As NASA transforms its facilities and operations to support the constellation program the Center Environmental Health programs are challenged with new potential hazards to characterize and to control harmful exposures. During the Session 8 NASA Centers shared about Constellation.
[+ To see the presentations from this ViTS go here](#)

American Industrial Hygiene Conference 2008 Registration is Now Open

 The American Industrial Hygiene Conference and Expo is the "must attend" event for thousands of industrial hygiene and occupational and environmental health and safety professionals. Come and see why professionals have to come to rely on AIHC as their source for professional development and networking for more than 65 years. Engaging general sessions, innovative

RESOURCES

Center Resources

 Environmental Health Center Policies
[+ Visit page](#)

CIH Continuing Ed

 OH sponsored continuing education information for Industrial Hygienists.
[+ Read more](#)

EH Online Resources

 EH related documents on the internet.
[+ See list](#)

EH Program Contacts

 Center program contacts listed by interest area, center or person.
[+ See list](#)

Radiation Event Medical Management (REMM)

 National Library of Medicine e-Tools and Guidance.
[+ Visit website](#)

ViTS Archive

 EH video conferences notes and presentations.
[+ Read more](#)

**NASA Occupational Health**
A Healthier NASA

[+ Archive](#)
[+ Awards](#)
[+ Contact OH](#)
[+ Text Only Page](#)

+ Feb 2007						
S	M	T	W	T	F	S
	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28		

[+ OCHMO](#) [+ CONFERENCES](#) [+ NEWSLETTER](#) [+ DIRECTORY](#) [+ HEALTHIERYOU](#)

[+ OH Home](#)
[+ Environmental Health](#)



NASA Occupational Health

EH Contacts

CONTACTS


Order by [Center Person Category](#) [Expand/ Collapse all](#)

Notes: The primary purpose of this list is to facilitate communication within the NASA EH community on current issues, concerns, events, etc. that you would wish to pass along to others. These contact lists are **totally voluntary** and are **not in anyway intended to replace the formal assigned responsibilities** at a NASA Center or Facility such as an EH CQTR or RSO.

- Asbestos
- Biological
- Communication & Training
- Computer Applications
- Confined Spaces
- Construction Issues/IH
- Emergency Response Planning
- Ergonomics
- Food Sanitation

OH Disciplines

- + Employee Assistance
- Environmental Health
- + Occupational Medicine
- + Physical Fitness
- + Workers' Comp.
- Professional Resources
- + Center Resources
- + EHRS
- + Health Promotion
- + Policies
- + References
- + Topics
- + Training
- NASA Employees

**NASA Occupational Health**
A Healthier NASA

[+ Archive](#)
[+ Awards](#)
[+ Contact OH](#)
[+ Text Only Page](#)

+ Feb 2008						
S	M	T	W	T	F	S
	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29

[+ OCHMO](#) [+ CONFERENCES](#) [+ NEWSLETTER](#) [+ DIRECTORY](#) [+ HEALTHIERYOU](#)

[+ OH Home](#)
[+ Environmental Health](#)

EH Resources

AND RESOURCES

An up-to-date list of links to online Environmental Health resources.

[Expand/ Collapse all](#)

Regulations and Standards

- Federal Register Search
- Federal Register - Environmental Protection Agency (EPA) Subject
- Code of Federal Regulations Search
- OSHA Laws and Regulations
- EPA Laws & Regulations
- Department of Energy Directives
- Nuclear Regulatory Commission Reference Library
- NASA Technical Standards Program (free of charge)

Professional EH Organizations/Associations

- Primary (OH, IH, and Sanitation)
 - American Conference of Governmental Industrial Hygienists (ACGIH)
 - American Industrial Hygiene Association (AIHA)
 - Health Physics Society (HPS)
 - National Environmental Health, Safety & Health Association (NEHSHTA)
- Other Related Disciplines
 - Air & Waste Management Association (AWMA)
 - American Board of Toxicology (ABTA)
 - American College of Occupational and Environmental Medicine (ACCEM)
 - American Nuclear Society (ANS)
 - American National Standards Institute (ANSI)
 - American Society of Heating, Refrigeration and Air Conditioning Engineers (ASHRAE)
 - American Society of Safety Engineers (ASSE)
 - Australian Institute of Occupational Hygienists (AIOH)
 - British Occupational Hygiene Association (BOHA)
 - Canadian Centre for Occupational Health and Safety (CCOHS)
 - Chemical Manufacturers Association (CMA)
 - Human Factors and Ergonomics Society (HFES)
 - International Commission on Radiological Protection (ICRP)
 - International Occupational Hygiene Association (IOHA)
 - Laser Institute of America (LIA)
 - National Hearing Conservation Association (NHCA)
 - National Council on Radiation Protection and Measurements (NCRP)
 - National Fire Protection Association (NFPA)

EH Disciplines

- + Employee Assistance
- Environmental Health
- + Occupational Medicine
- + Physical Fitness
- + Workers' Comp.
- Professional Resources
- + Center Resources
- + EHRS
- + Health Promotion
- + Policies
- + References
- + Topics
- + Training
- NASA Employees
- + Health Resources
- + Traveler's Health

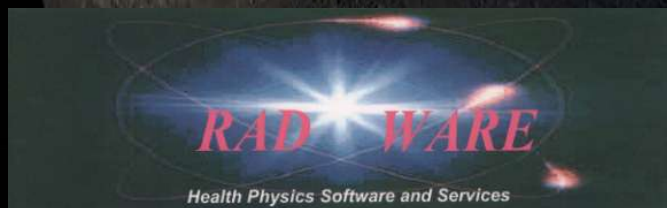
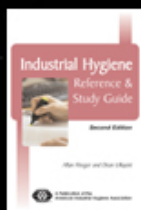
HealthierYou

+ 2008 Calendar



Initiative to Increase the Number of Certified EH professionals

- **Certification Efforts** ~ increasing # of certified professionals at NASA Centers (CIH, CHP, CLSO, CSP, RS)
 - Recently purchased software and study guides for CIH and software for CHP



- Recent EH and HP ViTS sessions on how to prepare for CIH and CHP
- Considering sponsoring another week long CIH prep course like in 2005
- Try to recognize and encourage younger professionals to pursue certification



Certification and Staffing Update

CHCM – Certified Hazard Control Manager
CHMM – Certified Hazardous Materials Manager
CHP – Certified Health Physicist
CIH – Certified Industrial Hygienist
CLSO – Certified Laser Safety Officer
CPE – Certified Professional Ergonomist
CSP – Certified Safety Professional
LD – Licensed Dietitian
MEOH – Master of Environmental and Occupational Health
MIS – Master of Industrial Safety
MPH – Master of Public Health
MS – Master of Science (EH Applicable)
MSEH – Master of Science Environmental Health
MSHP - Master of Science Health Physics
MSPH – Master of Science, Public Health
NRRPT – National Registry of Radiation Protection Technologists
PE – Professional Engineer (EH Applicable)
RABQSA – ISO OH&S Principal Auditor Certification
RD – Registered Dietitian
REHP – Registered Environmental Health Professional
REM – Registered Environmental Manager
RS – Registered Sanitarian
SGE – Special Government Employee



**FLORIDA
LOCAL SECTION**



Special Government Employee (SGE)

Promoting Professional Involvement

- Promote involvement in technical committees and local sections of organizations
- Promote involvement in programs such as VPP SGE
- Recognize people who author articles in H&S journals
- Promote giving presentations at conferences
- Recognize staff for professional involvement



Current Involvement

- Committee Involvement Examples
 - AIHA Committees – Protective Clothing, Noise, Engineering, International Affairs, Career & Employment, Students and Early Career Professional, Synergist Editorial Advisory Board, Management
 - ACGIH Board Of Directors
 - ANSI Z136 series (Lasers)
 - SAE G-10T Committee (Outdoor Lasers)
 - IEEE International Commission on Electromagnetic Safety (ICES) (RF)
 - American Industrial Hygiene Foundation Board



Upcoming Training

- *LSO Course – GSFC Aug 12 & 13, 2008 ~ Dan Simpson*
- *EH ViTS – July 27, and August 13*
- *HP ViTS ~ August 6*





- Sustaining Momentum and Demonstrating Value
- New challenges across NASA
- Facilities Issues, *Aging Infrastructure*
- Interaction among Centers
- Professional growth
- Key Civil Servant Positions
- EHRS IH Module (Radiation)
- Buy Quiet/Quiet By Design



Questions



Guy Camomilli, MPH, CSP, CHMM
Office of the Chief Health and Medical Officer